

ABSTRACT OF THE INVENTION

The present invention provides the structural determination of a bromodomain determined by NMR spectroscopy. The present invention also provides binding partners for the bromodomain. The present invention further provides the structural determination of the Tat-P/CAF binding complex determined by NMR spectroscopy. In addition, the present invention provides methodology for related drug discovery using high throughput drug screening or structure based rational drug design using the three-dimensional data.